

AGENDA

Last Updated: 26 September, 2002

GOES Users Conference II

Oct. 1 - 3, 2002

at the

***NIST Auditorium & the Millennium Hotel
Boulder, CO***

Goals for Conference:

- 1) Inform users of future capabilities and potential applications of the GOES-R Series
- 2) Determine user needs for:
 - new products
 - distribution of GOES data and products
 - instruments of opportunity
 - access to sample data prior to launch of next series
 - education, training and outreach
- 3) Assess user and societal benefits of future systems
- 4) Develop methods to improve communication between NESDIS and the GOES user community
 - develop, present, and refine a process for determining and updating requirements

Day 1 (Tuesday): NIST Auditorium

8:00 am	Registration	
9:00 am	Introduction (logistics, conference format etc)	(Jim Gurka/ NESDIS)
9:05 pm	Welcome/ Opening Remarks	(Greg Withee/ NESDIS)
9:30 am	Conference goals	(Gary Davis/ NESDIS)
9:40 am	The GOES Program (overview)	(Steve Kirkner/ NESDIS)
10:00 am	BREAK	
10:30 am	Keynote Address	(Vice Adm. Conrad C. Lautenbacher, Jr./ NOAA)

Session 1A: User Requirements, Applications and Potential Benefits from GOES-R Series Chairperson: Gary Davis

11:00 am	Recommendations from GOES Users' Conference I	(Jim Gurka/ NESDIS)
11:20 am	Requirements gathering, validation, and concept studies	(Michael Crison/ NESDIS)
11:40 am	Transferring Science Requirements to System Implementation	(Marie Colton/ NESDIS)
12:00 pm	LUNCH (on your own)	
1:30 pm	The role of OFCM in interagency coordination	(Sam Williamson/ OFCM)

Session 1B: User Requirements, Applications and Potential Benefits from GOES-R Series Chairperson: Tim Schmit

1:50 pm	A Visionary Look at Using Weather Satellites in 2020	(Rick Anthes/ UCAR)
2:10 pm	Imager	(Timothy Schmit/ NESDIS)
2:30 pm	IR Sounder	(Paul Menzel/ NESDIS)
2:50 pm	Infusion of Satellite Data: Today and Tomorrow	(John (Jack) J. Kelly, Jr./ NWS)
3:15 pm	Future Role of Satellite Data in Numerical Models	(Louis Uccellini/ NWS)
3:35 pm	BREAK	
3:55 pm	Microwave Sensing from Geo Orbit	(Al Gasiewski/ OAR)
4:15 pm	Future Aviation Applications from GOES	(Fred Mosher/ NWS)

4:35 pm	Space Environment Monitor and Solar Imaging	(Howard Singer/SEC)
4:55 pm	Ionospheric Imaging from Geosynchronous Orbit	(Robert McCoy/ONR)
5:10 pm	Questions/ Issues for further discussion	
5:30 pm	End of day 1 sessions	
6:00 pm	ICEBREAKER (Millenium Harvest House)	

Day 2 (Wednesday): NIST Auditorium

Session 1C: User Requirements, Applications and Potential Benefits from GOES-R Series Chairperson: Jim Purdom

8:15 am	Satellite data sets that will lead to user readiness for GOES-R	(Jim Purdom/ CIRA)
8:40 am	GIFTS update	(Bill Smith/ NASA)
9:00 am	AIRS update	(Mitch Goldberg/NESDIS)
9:15 am	Hyperspectral Applications	(Hsiao-hua Burke/ MIT/LL)
9:35 am	Observations needed for natural hazards monitoring in 2010-2020 (Overview - fires, floods, volcanoes etc)	(Levin Lauritsen/ NESDIS)
9:50 am	Update on Instruments of Opportunity (IOO)	(Dennis Chesters/ NASA)
10:00 am	BREAK	
10:20 am	NASA Vision 2020	(Peter Hildebrand/ NASA)
10:35 am	Commercial Applications of GOES	(Jim Block/ Commercial Weather Services Association (CWSA))
10:50 am	5-min Poster introductions: The future of rainfall estimates from GOES Training, Education and Outreach Data Compression Direct User Services Use of GOES to Force Land Surface Models Tropical Cyclone Application of GOES-R Coastal Zone Solar Imaging	(Bob Kuligowski/ NESDIS) (Tony Mostek/ NWS) (Allen Huang/ CIMSS) (Marlin Perkins/ NESDIS) (Andy Heidinger/ NESDIS) (Mark DeMaria, et al / NESDIS) (Oscar Huh, Louisiana State Univ.) (Dan Wilkinson/NESDIS/NGDC)
11:30 am	LUNCH (posters will be displayed)	

Session 2 International Update on Future Geostationary Satellite Systems
Moderator: Paul Menzel

1:10 pm	Value of International Cooperation in the GOS and the Geo Contributions	(Michel Jarraud/ WMO)
1:25 pm	Geo Microwave Consideration in Europe	(Bizzarro Bizzarri/ CNR Istituto Scienze dell'Atmosfera e del Clima (ISAC))
1:45 pm	Panel Discussion	(Zhang, Stuhlmann, Miyamoto)
2:35 pm	BREAK plus review posters (with presenters)	

Session 3 Oceanography, Marine Transportation, and Fisheries..
Moderator: Paul Twitchell

3:00 pm	Panel Discussion	(Kristina Katsaros, Walter McKeown, David Foley, and Peter Hildebrand)
4:00 pm	BREAK	

Session 4 Climate Monitoring
Moderator: Paul Try

4:15 pm	Panel Discussion	(Tom Karl; Bill Rossow; Stan Kidder)
5:15 pm	End of day 2 Sessions	
6:15 pm	DINNER	(Speaker: Bryan Norcross, CBS)

Day 3 (Thursday): Millenium Hotel

Breakout Sessions
Facilitator: Jessica Hartung

8:00 am	Continental Breakfast	
8:45 am	Introduction to feedback process	(Jessica Hartung)
9:00 am	Breakout sessions begin Weather Forecasting (Tim Schmit and Gary Hufford) Climate Monitoring (Paul Try and Tom Karl) Oceanography (Kristina Katsoras, Chris Kent and Paul Twitchell) Natural Hazards (Gary Ellrod and Levin Lauritsen) Numerical Modeling (Steve Koch and Mark DeMaria) Hydrology and Land Surface (Andy Heidinger and Daniel Barrera)	(Facilitators and Technical Leads)
10:00 am	BREAK	
10:30 am	Breakout sessions resume	
11:45 am	LUNCH (Provided)	
1:00 pm	Breakout sessions resume	
2:30 pm	BREAK	
3:00 pm	Highlights from each breakout group	Group representatives
5:00 pm	Closing remarks	(Gary Davis)